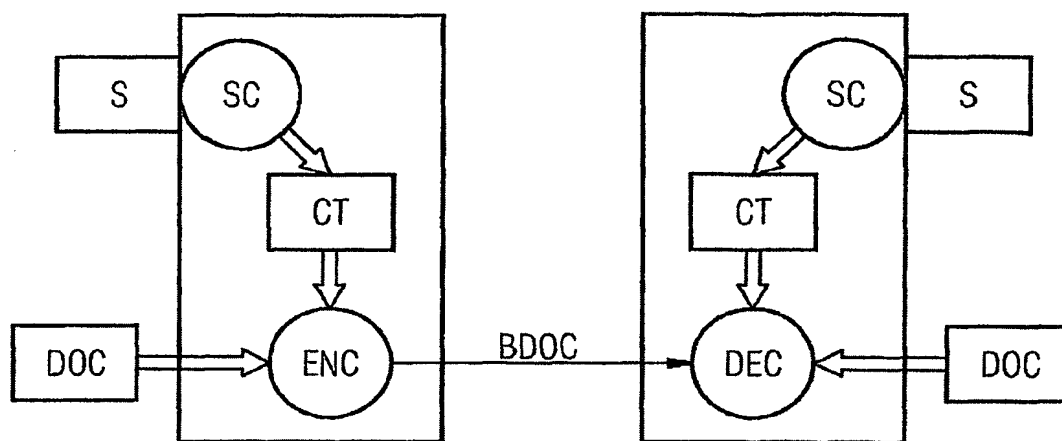# FIG 1

/

FIG 2

FIG 2A
FIG 2B

FIG 2A

```
?xml version="1.0" encoding="ISO-8859-1"?>
<schema targetNamespace="urn:siemens:SchemaA"
xmlns:a="urn:mySchema:SchemaA"
xmlns:xs="http://www.w3.org/2001/XMLSchema"
        <complexType name="Node1">
                <sequence>
                        <element name="name" type="xs:string"/>
                        <element name="value" type="xs:integer"/>
                </sequence>
        </complexType>
        </complexType name="myFirstType">
                <complexContent>
                        <extension base="a:Node1">
                                <sequence>
                                        <element name="state" type="xs:string"/>
                                </sequence>
                        </extension>
                </complexContent>
        </complexType>
        <complexType name="mySecondType">
                <complexContent>
                        <extension base="a:myFirstType">
                                <sequence>
                                        <element name="id" type="xs:ID"/>
                                </sequence>
                        </extension>
                </complexContent>
        </complexType>
</schema>
<?xml version="1.0" encoding="ISO-8859-1"?>
<schema targetNamespace="urn: mySchema:SchemaX"
xmlns:x="urn:mySchema:SchemaX"
xmlns:a="urn:mySchema:SchemaA"
xmlns:xs="http://www.w3.org/2001/XMLSchema"
<import namespace="urn: mySchema:SchemaA"
  SchemaLocation="./TreeExample:nsA.xsd"/>
```

FIG 2B

```
<complexType name="tType">
        <sequence>
                <element name="name" type="xs:string"/>
                <element name="value" type="xs:integer"/>
        </sequence>
</complexType>
<complexType name="iType">
        <complexContent>
                <extension base="a:Node1">
                        <sequence>
                                <element name="state" type="xs:string"/>
                        </sequence>
                </extension>
        </complexContent>
</complexType>
<complexType name="sType">
        <complexContent>
                <extension base="a:Node1">
                        <sequence>
                                <element name="id" type="xs:ID"/>
                        </sequence>
                </extension>
        </complexContent>
</complexType>
</complexType name="nType">
        <complexContent>
                <extension base="x:sType">
                        <sequence>
                                <element name="price" type="xs:float"/>
                        </sequence>
                </extension>
        </complexContent>
</complexType>
</schema>
```
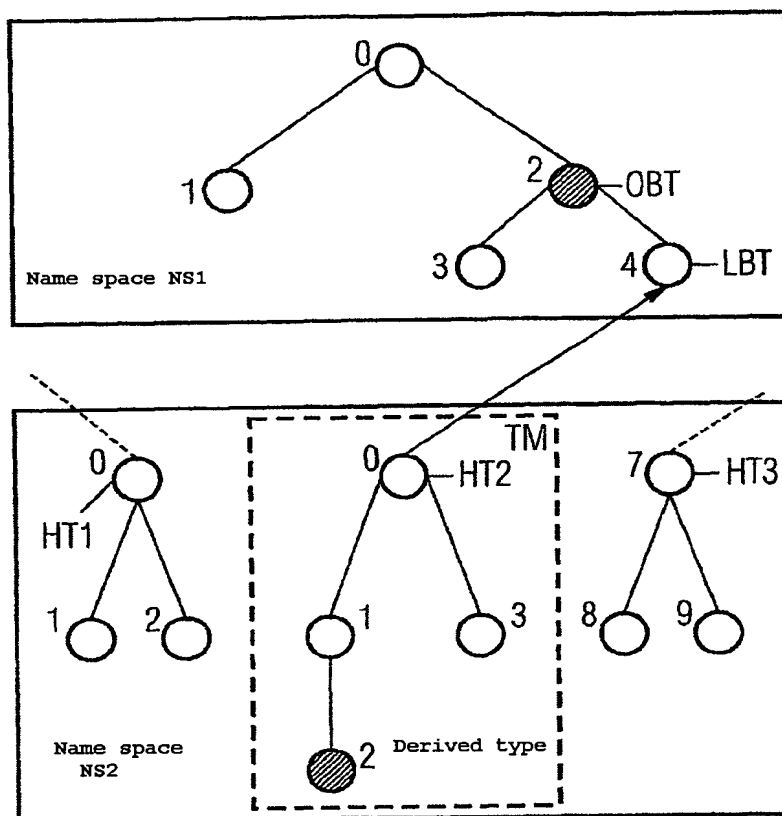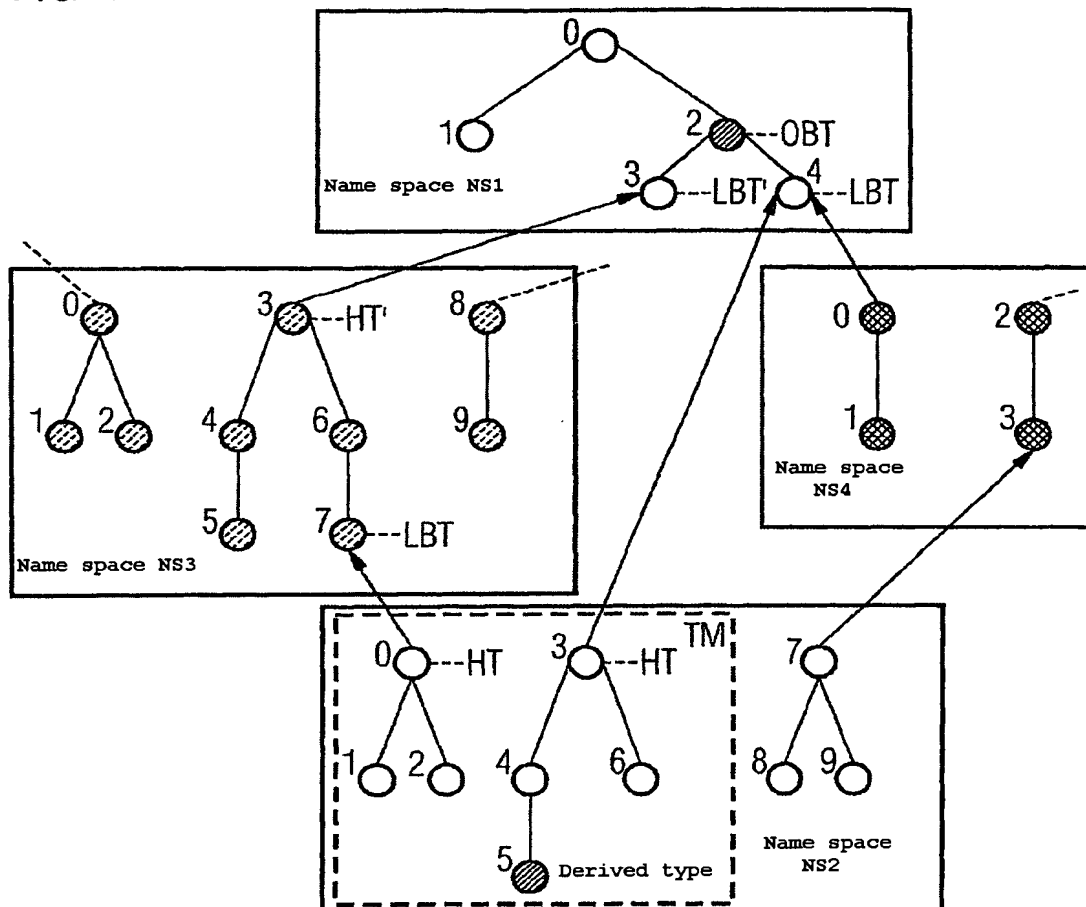
FIG 3

FIG 4

FIG 5